

INTERNATIONAL SEARCH REPORT

International ication No

PCT/IB2004/051464

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/117131 A1 (HAM YONG SUNG) 26 June 2003 (2003-06-26)	1,2,6-8
Y	the whole document	3,4
Y	US 6 593 934 B1 (LIAW MING-JIUN ET AL) 15 July 2003 (2003-07-15)	3
Y	US 2002/175885 A1 (COK RONALD S) 28 November 2002 (2002-11-28)	3
Y	US 6 081 073 A (SALAM HASSAN PADDY ABDEL) 27 June 2000 (2000-06-27)	4
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
 "&" document member of the same patent family

Date of the actual completion of the international search

2 December 2004

Date of mailing of the international search report

08.03.2005

Name and mailing address of the ISA

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International Publication No
PCT/IB2001/051464

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 94/09475 A (LIANG JEMM Y ; PANOCORP DISPLAY SYSTEMS (US)) 28 April 1994 (1994-04-28) the whole document -----	1-8
A	EP 1 150 271 A (EATON CORP) 31 October 2001 (2001-10-31) the whole document -----	1-8

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-8

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8

The first concept concerns a method of calibrating an arrangement for driving liquid crystal displays, wherein a stored correcting variable is added to infed video signals to compensate for the effects of inertia, which correcting variable depends on changes in the video signals from frame to frame, wherein the corrected video signals are conveyed to the liquid crystal display, wherein an opto-electrical sensor detects at least a part of a test pattern that is shown on at least a part of the image area of the liquid crystal display, wherein the test pattern contains signal jumps that occur from frame to frame, the signal jumps vary in respect of their sign, their size and their position in the amplitude range of the video signals, and correcting parameters are derived from the signals generated by the at least one opto-optical sensor while taking into account of the totaliy of the signals generated by the at least one opto-electrical sensor, wherein the calibration is repeated at preset time intervals, wherein a further calibration is performed in case the measured temperature exceeds a preset threshold value.

2. claims: 9-12

The second concept concerns a method of calibrating an arrangement for driving liquid crystal displays, wherein a stored correcting variable is added to infed video signals to compensate for the effects of inertia, which correcting variable depends on changes in the video signals from frame to frame, wherein the corrected video signals are conveyed to the liquid crystal display, wherein an opto-electrical sensor detects at least a part of a test pattern that is shown on at least a part of the image area of the liquid crystal display, wherein the opto-electrical sensor is arranged at the edge of the image-reproducing means.

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International Application No
PCT/IB2004/051464

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003117131	A1	26-06-2003	KR 2003048953 A	25-06-2003
US 6593934	B1	15-07-2003	NONE	
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WO 9409475	A	28-04-1994	AU 5445894 A	09-05-1994
			WO 9409475 A1	28-04-1994
			CN 1107233 A	23-08-1995
EP 1150271	A	31-10-2001	AU 3894201 A	01-11-2001
			EP 1150271 A2	31-10-2001